

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently Amended) A highly refractory inorganic foam body ~~consisting of a mixture which has an~~ at least partially open-cell structure and is foamed and cured by heating, ~~which mixtures consists of~~ said body being formed from a mixture comprising alkali water glass and aluminum hydroxide as well as one or more fillers selected from the group consisting of aluminum oxides, silicon oxides, alumina cement, powdered stone or mixtures thereof, said body having a bulk density within a range of from 200 to 900 kg/m³.
2. (Currently Amended) The foam body according to claim 1, characterized by containing wherein said aluminum hydroxide is present in an amount of from 60 to 80% by weight.
3. (Currently Amended) A process for the preparation of a foam body according to either of claims claim 1 or 2, in which a blowing agent is added to [[a]] said mixture of alkali water glass and optionally a filler selected from the group consisting of aluminum oxides, silicon oxides, alumina cement, powdered stone or mixtures thereof, which further contains aluminum hydroxide and all is heated at a temperature within a range of from 290 to 300° prior to heating.

4. (Original) The process according to claim 3, characterized in that azodicarbonamide is employed as the blowing agent.
5. (Currently Amended) Use of a foam body according to ~~any of claims~~ claim 1 ~~to~~ 4 for the preparation of refractory building elements ~~in civil and constructional engineering.~~
6. (Currently Amended) The use according to claim 5 ~~for the preparation of wherein said refractory building elements include fire doors and fire-protection linings, especially in lift shafts and lift doors.~~
7. (New) The foam body according to claim 1 wherein said one or more fillers are selected from the group consisting of aluminum oxides, silicon oxides, alumina cement, powdered stone or mixtures thereof.
8. (New) The process of claim 3 wherein said mixture is heated to a temperature within the range of 200 to 300°C.
9. (New) The use according to claim 5 wherein said fire doors include lift doors.
10. (New) The use according to claim 5 wherein said fire protection linings include lift shaft linings.

11. (New) A highly refractory inorganic foam body which has at least partially open-cell structure and is foamed and cured by heating, said body being formed from a mixture comprising alkali water glass and aluminum hydroxide, at least one blowing agent and one or more fillers selected from the group consisting of aluminum oxides, silicon oxides, alumina cement, powdered stone or mixtures thereof, said body having a bulk density within a range of from 200 to 900 kg/m³.

12. (New) The foam body according to claim 11, wherein said aluminum hydroxide is present in an amount of from 60 to 80% by weight.

13. (New) The process according to claim 11 characterized in that azodicarbonamide is employed as the blowing agent.

14. (New) Use of a foam body according to claim 11 for the preparation of refractory building elements.

15. (New) The use according to claim 14 wherein said refractory building elements include fire doors and fire-protection linings.

16. (New) The process of claim 11 wherein said mixture is heated to a temperature within the range of 200 to 300°C.

17. (New) The use according to claim 14 wherein said fire doors include lift doors.

18. (New) The use according to claim 14 wherein said fire protection linings include lift shaft linings.